



## Taxonomy examination (232 n) (48) mark

Answer the following questions :

1- Compare between :-

a) a)Fleshy and dry fruits

b- Racemose –Cymose (Inflorescnces).

2- Identify the following :-

a) Fruits .                      b) Phyllotaxy

3- Write the scientific expression of the following definitions: Androecium

a) The staminate whorl of the flower.

b) The metamorphosed shoot system bearing the floral organs at special nodes.

c) Cohesion of the anthers only, but filaments are free.

d) The male gametophyte in the flowering plants.

e) The mature pollinated and fertilized ovary or gynoecium of the flower.

D.r / Ahmed Abd El Razek

Signature (                      )

## نموذج إجابة مادة التصنيف الزهري (232) ن

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### 1- Compare between :-

a) Fleshy and dry fruits.

Fleshy fruits they are also known as succulent fruits. The pericarp is fleshy, differentiated into three distinct layers, epicarp, mesocarp and endocarp.

Dry fruits consists of one or more than carple and note deferntiated into layers

### 2- Identify the following :-

a) Fruits .

The fruit is defind as the mature, pollinated and fertilized pistil or gynoecium of the flower..

b) Phyllotaxy

mean the arrangement of the floral leaves on the floral axis( receptacle)

c flower is metamorphosed shoot.

### 3- Write the scientific expression of the following definitions:

a) The staminate whorl of the flower.

(Gynoecium )

b) The metamorphosed shoot system bearing the floral organs at special nodes.

( flower)

c) Cohesion of the anthers only, but filaments are free .

( synantherous )

d) The male gametophyte in the flowering plants.

(Pollen grain )

e) The mature pollinated and fertilized ovary or gynoecium of the flower.

(fruit )

